



7-2-04

1746

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PTO/SB/21 (08-03)

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<b>TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)	Application Number	10/077,569
	Filing Date	February 15, 2002
	First Named Inventor	Chun -hua Chen et al.
	Art Unit	1746
	Examiner Name	Monique M. Wills
Total Number of Pages in This Submission	Attorney Docket Number	ANL 227

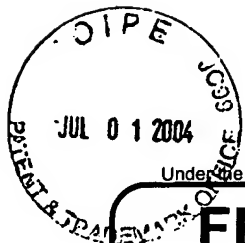
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# FEE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

☒ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$)

## Complete if Known

Application Number	10/077,569
Filing Date	February 15, 2002
First Named Inventor	Chun-Hua Chen et al.
Examiner Name	Monique Wills
Art Unit	1746
Attorney Docket No.	ANL 224

## METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit card ☐ Money Order ☐ Other ☒ None

☐ Deposit Account:

Deposit  
Account  
Number  
Deposit  
Account  
Name

05-1060

Emrich and Dithmar, LLC.

The Director is authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☒ Credit any overpayments

☒ Charge any additional fee(s) or any underpayment of fee(s)

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## FEE CALCULATION

### 1. BASIC FILING FEE

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1001	770	2001	385	Utility filing fee	
1002	340	2002	170	Design filing fee	
1003	530	2003	265	Plant filing fee	
1004	770	2004	385	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	

SUBTOTAL (1) (\$)

### 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

	Total Claims	Extra Claims	Fee from below	Fee Paid
Total Claims		-20** =	X	
Independent Claims		-3** =	X	
Multiple Dependent				

Large Entity		Small Entity		Fee Description
Fee Code	Fee (\$)	Fee Code	Fee (\$)	
1202	18	2202	9	Claims in excess of 20
1201	86	2201	43	Independent claims in excess of 3
1203	290	2203	145	Multiple dependent claim, if not paid
1204	86	2204	43	** Reissue independent claims over original patent
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$0)

\*\*or number previously paid, if greater; For Reissues, see above

## FEE CALCULATION (continued)

### 3. ADDITIONAL FEES

Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
1051	130	2051	65	Surcharge - late filing fee or oath	
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	
1053	130	1053	130	Non-English specification	
1812	2,520	1812	2,520	For filing a request for <i>ex parte</i> reexamination	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
1251	110	2251	55	Extension for reply within first month	
1252	420	2252	210	Extension for reply within second month	
1253	950	2253	475	Extension for reply within third month	
1254	1,480	2254	740	Extension for reply within fourth month	
1255	2,010	2255	1,005	Extension for reply within fifth month	
1401	330	2401	165	Notice of Appeal	
1402	330	2402	165	Filing a brief in support of an appeal	
1403	290	2403	145	Request for oral hearing	
1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1452	110	2452	55	Petition to revive - unavoidable	
1453	1,330	2453	665	Petition to revive - unintentional	
1501	1,330	2501	665	Utility issue fee (or reissue)	
1502	480	2502	240	Design issue fee	
1503	640	2503	320	Plant issue fee	
1460	130	1460	130	Petitions to the Commissioner	
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	
1806	180	1806	180	Submission of Information Disclosure Stmt	
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1809	770	2809	385	Filing a submission after final rejection (37 CFR 1.129(a))	
1810	770	2810	385	For each additional invention to be examined (37 CFR 1.129(b))	
1801	770	2801	385	Request for Continued Examination (RCE)	
1802	900	1802	900	Request for expedited examination of a design application	

Other fee (specify)

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$)

## SUBMITTED BY

Name (Print/Type)

HARRY M. EVANS

Registration No.  
(Attorney/Agent)

24,248

(Complete if applicable)

Telephone 312-663-9800

Signature

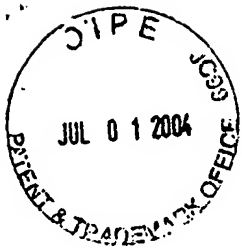
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**PATENT ANL-IN-01-023**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicants : Chun-hua Chen et al.  
Title : LITHIUM ION BATTERY WITH IMPROVED SAFETY  
Serial No. : 10/077,569  
Filing Date : February 15, 2002  
Art Unit : 1746  
Examiner : Monique M. Wills  
Docket No. : ANL 227  
Date : June 30, 2004

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<u>Brenda Stark</u>	Date of Deposit
Signature	

**MAIL STOP NON FEE AMENDMENT**

Commissioner for Patents  
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**AMENDMENT A**

This Amendment is in response to the Office Action dated March 31, 2004, a response to which is due July 1, 2004.

**INTRODUCTORY COMMENTS**

Claims 1-15, 17-21 and 23-29 are amended.

Claims 16, 22 and 30-32 are unchanged.

Amendments to the specification appear on pages 3-4 as indicated.

Page 3, line 1, --and derivatives thereof-- has been added after the term "vinylcrotonate".

line 1, --vinylimidazole-- has been added after the term "vinylacetate".

Page 4, line 4, a comma has been inserted after the word "carbonate".

line 7, --, monofluoro ethylene-- has been added after the term "dioxolan--.

There are no amendments to the drawings.